

# FLYING EAGLES

FLYING EAGLES

August 19, 2004

## HAPPENINGS Young Eagles Air Show

August 28th  
Battle of Tunnel Hill  
September 10—12  
November Trip  
To Pensacola Naval  
Air Station to see the

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## Commander's Corner

With Captain Tom Calvanelli

### The National Blue Beret Encampment in Oshkosh, Wisconsin

In July, I was fortunate to be accepted as a senior staff member for the National Blue Beret encampment in Oshkosh, Wisconsin. It consisted of 136 cadets from all over the United States plus 40 senior members. The encampment was divided into 11 flights, each with a TAC Officer, cadet flight commander and flight sergeant. This was my first national encampment, and I was very impressed by the level of training conducted and the various duty assignments given to the cadets.

Every cadet received extensive training in mission radio operation, urban direction finding, and flight line marshalling, some of which was given by CAP senior members flown in just to give the training.

After three training days, we went operational - the two days prior to the big Oshkosh fly-in and then through the seven day event.

All flights rotated from marshalling the 12,000 (yes, 12,000) planes that arrived and departed during the fly-in, to finding 40 ELT's going off on the field day and night, plus locating 25 overdue aircraft that did not cancel their flight plans. Their duties also included manning two towers adjacent to the two runways and logging every plane that landed noting its color, tail number, and wing location.

(Continued on Page 2)



*Strength of the Nation*  
by Dr. Ilana Mor

**FLYING EAGLES**  
**BARTOW-ETOWAH**  
**SQUADRON**

(Continued from Page 1, The Commander's Corner)

Cadets also manned the comm shack, which coordinated the DF steers and radio traffic, and they also manned two golf carts, (two cadets and one senior) with the DF equipment.

I am talking about this because there was not one cadet from the Georgia Wing at this great encampment! How could that be? I picked up two cadets at the bus station that just came from the Hawk Mountain encampment in Pennsylvania.

Well, I found out that:

- **There are numerous summer national encampments available to cadets.**
- **Cadets must apply by December 31 in order to be accepted into the following year's encampment.**
- **Cadets may attend more than one encampment, just as long as the dates do not overlap.**
- **On the back of a Form 31, there is a list of a number of national encampments.**

There are so many opportunities  
to take advantage of in CAP,  
just look for them and apply.

**FIND OUT  
MORE...APPLY...  
IT'S UP TO YOU!**

**Coming next month:  
A Report on the Group One Commander's Call**

## **Bartow-Etowah Senior Member Positions**

<b>Squadron Commander</b>	<b>Tom Calvanelli</b>
<b>Deputy Commander of Seniors</b>	<b>George Geiger</b>
<b>Deputy Commander of Cadets</b>	<b>Ilana Mor</b>
<b>Communications</b>	<b>Keith Walker</b>
<b>Professional Development/Sr Programs</b>	<b>Gayle Blake</b>
<b>Finance</b>	<b>Gayle Blake</b>
<b>Logistics</b>	<b>George Geiger</b>
<b>Moral Leadership</b>	<b>Ilana Mor</b>
<b>Aerospace Education/Testing Officer</b>	<b>David Holt</b>
<b>Operations/Assistant Testing Officer</b>	<b>Eric Klein</b>
<b>Administration/Personnel</b>	<b>Jim Raybon</b>
<b>Safety Officer</b>	<b>Mike Fouts</b>
<b>Flight Operations</b>	<b>Mike Fouts</b>
<b>Public Affairs Officer</b>	<b>Ilana Mor</b>
<b>Website/Flying Eagle Editors-in-Chief</b>	<b>Eric Klein/Ilana Mor</b>
<b>Air Force Liaison to CAP</b>	<b>Major Orlando La Rosa</b>



## **Tales From A Life Traveler** **by Dr. Ilana Mor, Moral Leadership Officer**

### **To Trust or Not to Trust...That is the Question.**

As they sat in a large circle in the Squadron courtyard during Moral Leadership on July 27th, both Cadets and Senior Members shared their own lifetime experiences involving trust. Adam Bomar and Nathan Sullivan (two former Cadets) were visiting the Squadron. They joined in the group discussion and shared their perspectives about the necessity for trust in their chosen vocations, in the emergency room and during firefighting.

The discussion had begun with thoughts from some of the great philosophers of history: Glaucon, Machiavelli, Thomas Hobbes, and David Hume.

#### **GLAUCON:**

In *The Republic*, Plato (427-347 BCE, Ancient Greece) recounts a dialogue between Socrates and Glaucon, Plato's older brother. Glaucon argues that **"only the fear of detection and punishment prevents a human being from breaking the law and doing evil for the sake of his own self-interest."**

#### **MACHIAVELLI:**

Machiavelli (1469-1527, First Great Political Philosopher of the Renaissance) in his book *The Prince* offered this advice about trust: **"Be care whom you trust. Be prepared to be cruel, murderous, dishonorable, deceptive, and miserly whenever necessary to maintain power."**

#### **THOMAS HOBBS:**

Thomas Hobbes (1588-1679, 17th Century Moral and Political Philosopher) in his book *Leviathan* offered the following thoughts about trust: **"Trust is a means of making our social life simpler and safer, and of making possible cooperative activities which each of us could not undertake alone."** But Hobbes doubted that even such an agreement could work. His reason for this was simply that not every human being acts rationally all of the time. Hobbes concluded that **"every man ought to endeavor peace, as far as he has hope of attaining it, and when he cannot attain it, that he may seek and use all helps and advantages of war."**

#### **DAVID HUME:**

David Hume (1711-1776, 18th Century Philosopher and Historian) suggested in his *A Treatise of Human Nature* that **"trusting others seems to rest ultimately on an irreducible feeling about their good disposition, or even on a leap of faith, much like its Christian counterpart."**

The general consensus of the Squadron was that trust is built upon the moral fiber of the person that you are trusting.

Trust is based upon:

- a person's actions and words
- honesty... no lying, cheating, or sneaking behind another's back .
- nonjudgmental acceptance of one another
- how people should honor and respect one another
- fulfilling promises that are made
- loving kindness, not meanness
- The Golden Rule...do unto others as you would have them do to you
- being a good friend
- your word...it is your bond, a badge of honor.
- being dependable through good times and bad.
- having the proper training and ability to follow through if an emergency arises
- *I GOT YOUR BACK*...you can trust me.

The session concluded with an exercise led by Major Geiger. A semi-circle was formed around a Cadet. Major Geiger shoved the Cadet backwards in order to test the trust that the Cadet placed in those who were in the semicircle. Would they catch the Cadet or would the Cadet fall to the ground?

Not only were several Cadets and Lt. Klein *saved* by those in the semi-circle, the exercise solidified feelings of trust within the group since every person in the group had an opportunity to share personal feelings about trust.

## **Recipe for Long Time Friendship**

*By Dr. Ilana Mor 5/02*

### ***Ingredients:***

*Select a fine person...one with bright eyes,  
an incredible smile, and a great zest for life.*

*Select someone you can admire...  
a person who believes that the world  
should be a better place  
and is willing to invest in that goal.*

*Select a person who you believe  
will always rise to the top,  
no matter what challenges  
there are to overcome.*

*Select a person who recognizes your abilities  
and makes you feel better about yourself...  
a person who "roots" you on  
through your own challenges.*

*Select someone who remembers you  
in their thoughts and prayers...  
someone who is happy  
to share Life's journey with you.*

### ***Preparation:***

*Mix in friends and family...  
children, husbands, and kindred souls.*

*Sift through all the obstacles.*

*Continue to invest in the friendship.*

*Remain thankful for the friendship.*

*Bake for many years.*

### ***The Yield:***

*A friend that makes Life more wonderful.*







## THE MAGIC OF FLIGHT

**The propeller is nothing more than a rotary wing.** Instead of going in a straight line, the blades (each one is a wing) go around in a circular path. These blades are pushed through air molecules using the energy developed from our engine to turn the propeller.

The molecules that go under the rear face are pushed backward and are packed just a little bit closer together than they were at rest creating a tiny bit higher pressure. This is the same as the bottom of the wing.

The molecules going over the top will be sucked toward the forward surface of the propeller blade causing them to spread apart from the other molecules beyond them, creating a lower pressure area. This is the same as the top of the wing. Therefore, the propeller is pulled forward, toward the lower pressure.

This is EXACTLY the same as with the wing that is traveling in a straight line.

## AE TOPIC FOR AUGUST

### How A Propeller Works With The Aerodynamic Forces To Get The Aircraft Moving



By Lt. Eric Klein

The wing is tilted slightly higher at the leading edge to create LIFT, as does the propeller. Each blade needs to be tilted to a Positive Angle of Attack to create THRUST.

In propellers' terminology, this angle is called the Pitch. THRUST is just LIFT turned roughly 90 degrees to point it forward. The more angled the blades are (at a given speed), the greater the pressure difference will be between the front of the blade (lower pressure) and the back (higher pressure).

Some engines have variable speed propellers with constant pitch, like on the single engine aircraft. The blade is fixed and the engine speed changes. Other aircraft have constant speed propellers with variable pitch, like turbo prop aircraft. The problem is that constant speed props will take more force to keep the propeller turning the same speed when the pitch is increased.

See you next month with another topic  
on The Magic of Flight.

# FROM THE SUPPLY

## “BDU”

**BDU does not stand for  
Bad Dirty Uniform.**

It stands for Basic Duty Uniform. It is the uniform you wear to CAP meetings twice a month.

That doesn't mean you only have it washed and ironed once a month. Also, that doesn't mean you only need it once a month. This uniform should be ready every day, in a place you can remember where it is, along with your boots which should also be clean, and ready to go with a clean pair of OD boot socks.

Oh! Don't forget your cap either. You should have two of those. If not, come see me. You can wash your cap in the dish washer with one of those cap frames. You can find those around at K-mart or Wal-mart. Put it in the cap frame and put it in the upper tray of your dish washer. Once it's done, hang it by its bill somewhere until it is air-dry. DO NOT PUT IT IN THE DRYER!! If you can't find a cap frame, wash by hand and hang it up to air-dry.

Check your uniform after wearing it for serviceability of patches, name tags, rank, etc. Have everything ready to go for WHENEVER YOU NEED IT.

**“BETTER GETTER DONE!”**

**DON'T WAIT UNTIL  
THE LAST MINUTE  
TO DO ALL THIS.**

I've seen this is the normal procedure for most of you and that's

**NOT GOING TO GET IT DONE.**

It's like your field gear. If you will take care of it, it will be ready anytime you need it.

I've known a lot of you for months now and **you are still NOT in uniform.**

**IF  
YOU DON'T KNOW,  
ASK!**

**THAT IS ALL...**

*As you were...  
Carry on...  
I'll be in the area!*

**Maj. Geiger**



# CADET CAPERS



The Bartow-Etowah Squadron's Cadet Color Guard  
(From left Cadets Raybon, Blake, Posada, and Roberson)

Recently the Bartow-Etowah CAP Color Guard presented the colors at the Etowah Bend Air Show. They also marched in the Cartersville parade. The Color Guard members include Alex Blake, Jonathan Posada, Sam Raybon, and Matt Roberson.



## THE COLOR GUARD AND DRILL TEAM

By Cadet Sam Raybon

The Color Guard and Drill Team are two specialized teams that serve very important ceremonial purposes. Their history stems back hundreds of years in this country, relating back to the tradition of carrying flags into battle.

**This served an important purpose as both a rallying point and morale boost for troops who were engaging the enemy.**

At no time were the flags or "colors" allowed to touch the ground. Such an act meant defeat for the force that lowered their colors.



Cadet Raybon

The Drill Team has also always been an important part of the military. They represent the elite of the corps - the most precise, focused, and determined individuals always made up the Drill Team.

**These traditions are carried on today,  
but have become more ceremonial in nature.**

**The roles of the Color Guard and Drill Team have  
expanded to encompass the community as well.**

This country no longer uses flag bearers in battle. Instead, the Color Guard and Drill Team have taken their place as a point of contention between units. Through various Drill Meets and competitions, units from around the nation can compete with each other and take home trophies representing their achievements.

Both the Color Guard and Drill Team continue to play a vital role in this nation's military. It is a way to build confidence in individuals and build esprit-de-corps within units.

Most units have teams that perform in local parades and at various functions in their respective areas. This invaluable service to the community is just one way that units thank the community for lending their loved ones to the service of the nation.



**Civil Air Patrol is the United States Air Force Auxiliary.  
Our three missions are Cadet Programs, Emergency Services (ES), and Aerospace Education (AE).**



**Our cadets take part in both AE and ES, search and rescue training exercises, as well as winter and summer encampments.**

**Recently, we had the opportunity to assist with Civil War re-enactments. Our AE mission includes classes on flight, orientation flights in Cessnas, and air shows. Our ES includes Search and Rescue (for downed aircraft), Disaster Relief, physical training, and other needed activities.**



**The Bartow-Etowah Composite Squadron  
is located at the Cartersville airport.  
We meet every Thursday from 19:00—21:00 (7:00—9:00 pm).  
To contact the Squadron call (770) 499-1532.  
Ask for Captain Calvanelli  
(Senior Member/Squadron Commander)  
or Lieutenant Calvanelli  
(Cadet/ Squadron Cadet Commander).  
Please leave a message if no one answers.**



**For further information go to <http://www.gawg.cap.gov>  
and scroll to the bottom to find the nearest squadron in GA.**

**You can also go to <http://cap.gov> to learn more about CAP  
or to find a squadron in a different state.**



## **Bartow-Etowah Cadet Positions**

<b>Cadet Commander</b>	<b>C/2d Lt Jonathan Calvanelli</b>
<b>Commander's Advisor</b>	<b>C/TSgt Alex Blake</b>
<b>Flight Sergeant</b>	<b>C/Sr A Jonathon Posada</b>
<b>Cadet Safety</b>	<b>C/AIC Daniel Klein</b>
<b>1st Element Leader</b>	<b>C/MSGT Shawn Long</b>
<b>1st Element Leader Assistant</b>	<b>C/AIC Jesse Watkins</b>
<b>2nd Element Leader</b>	<b>C/Sr A Sam Raybon</b>
<b>2nd Element Leader Assistant</b>	<b>C/Amn Mathew Roberson</b>
<b>3rd Element Leader</b>	<b>C/AIC Daniel Klein</b>
<b>3rd Element Leader Assistant</b>	<b>C/Amn Derek Mentzer</b>
<b>4th Element Leader</b>	<b>C/AIC Brittany Graves</b>
<b>Recruitment</b>	<b>C/Sr A Jonathon Posada</b>
<b>Recruitment Assistant</b>	<b>C/Sr A Sam Raybon</b>
<b>PT Mentor</b>	<b>C/AIC Daniel Klein</b>
<b>PT Mentor</b>	<b>C/Amn Justin Fredette</b>
<b>Color Guard/Drill Team Leader</b>	<b>C/Sr A Sam Raybon</b>
<b>Members of Color Guard/Drill Team</b>	<b>Cadets Blake, Posada, Raybon, Roberson</b>
<b>Deputy Commander of Cadets</b>	<b>Dr. Ilana Mor</b>



# UPCOMING SQUADRON EVENTS

Young Eagles Air Show August 28th  
Battle of Tunnel Hill September 10—12  
November Trip

To Pensacola Naval Air Station to see the Blue Angles Air Show



## TIDBITS

You can go to the National Website at [www.cap.gov](http://www.cap.gov)  
 and look up CAP Regulation 52-16  
 Cadet Program Management  
 to get an idea of what is going on.



### TO SUBMIT AN ARTICLE FOR THE FLYING EAGLES NEWSLETTER:

1. GIVE A COPY OF THE ARTICLE TO LT KLEIN OR DR.MOR.  
or
2. E-MAIL ARTICLE TO [www.eAirCommunications.com](http://www.eAirCommunications.com) or [Ilana@Art4theHeart.net](mailto:Ilana@Art4theHeart.net).  
 (If you e-mail the article, please confirm that the article was received.)



**Lt. Eric Klein**

## EDITORS-IN-CHIEF



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 Experience Empowerment*

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